

Fig. 1

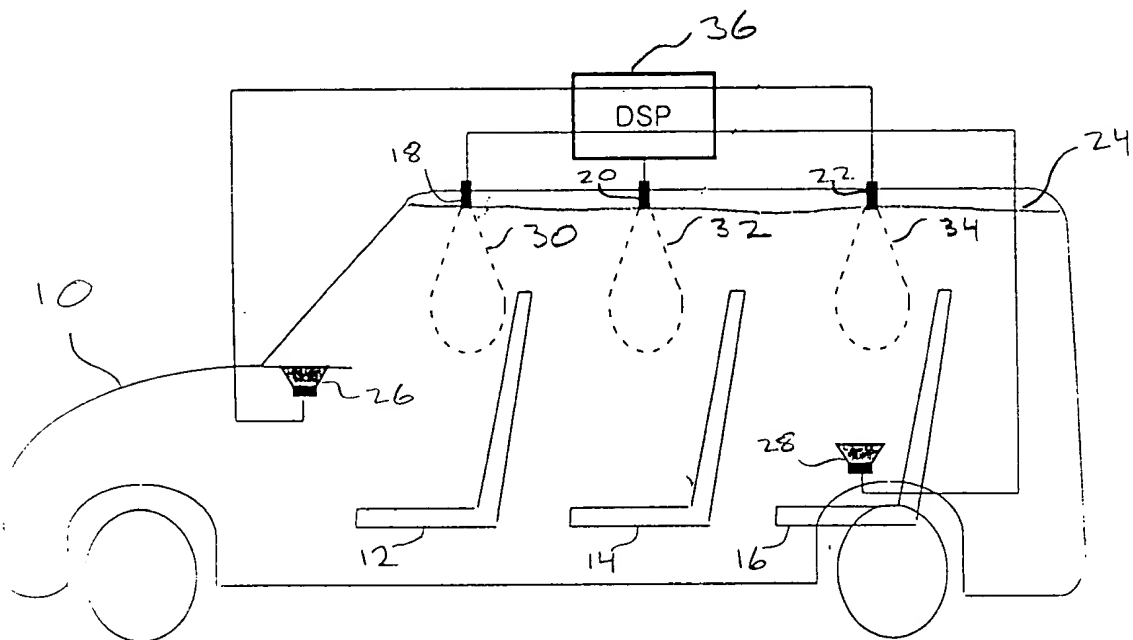


Fig. 2

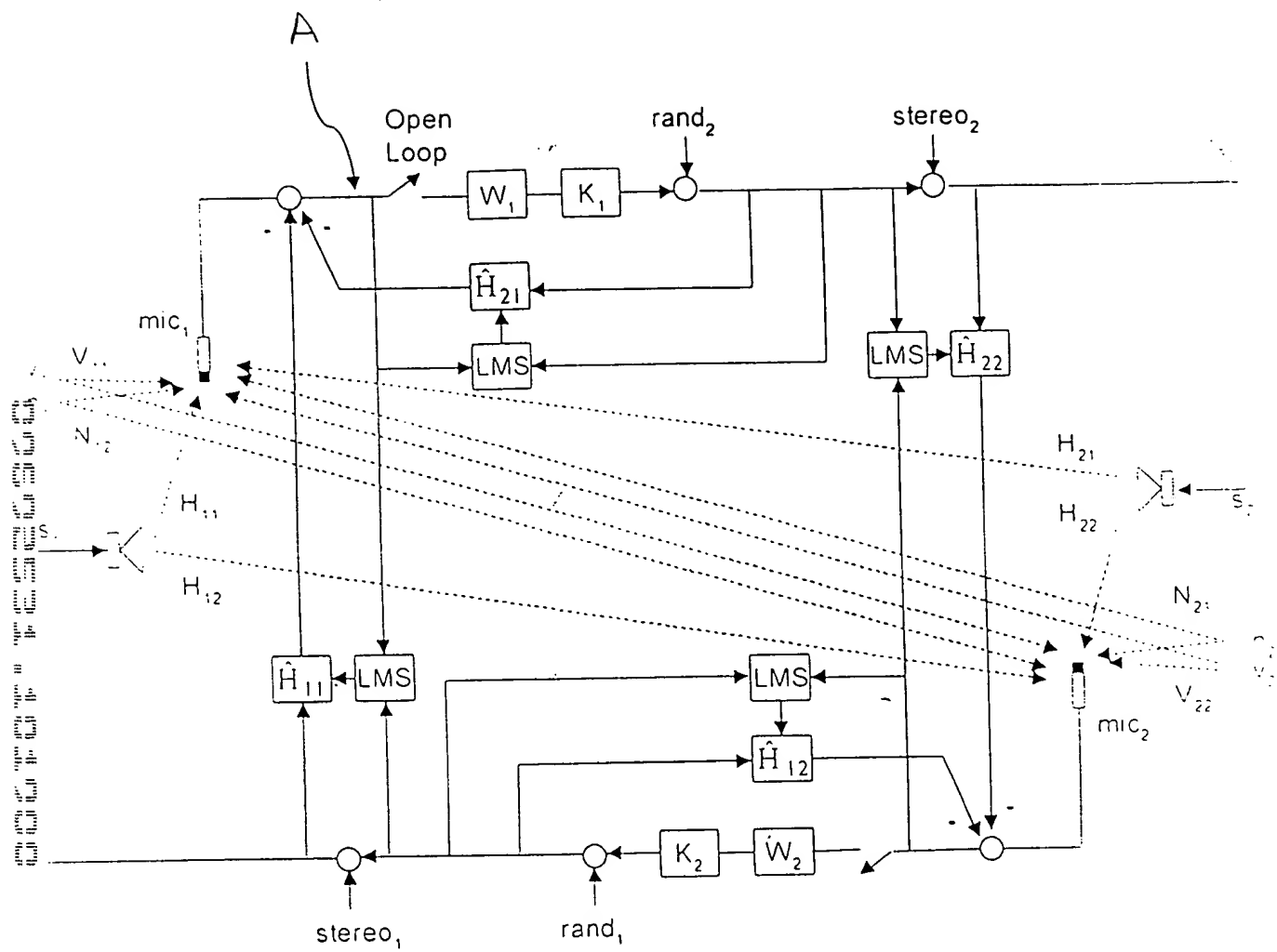


Fig. 3

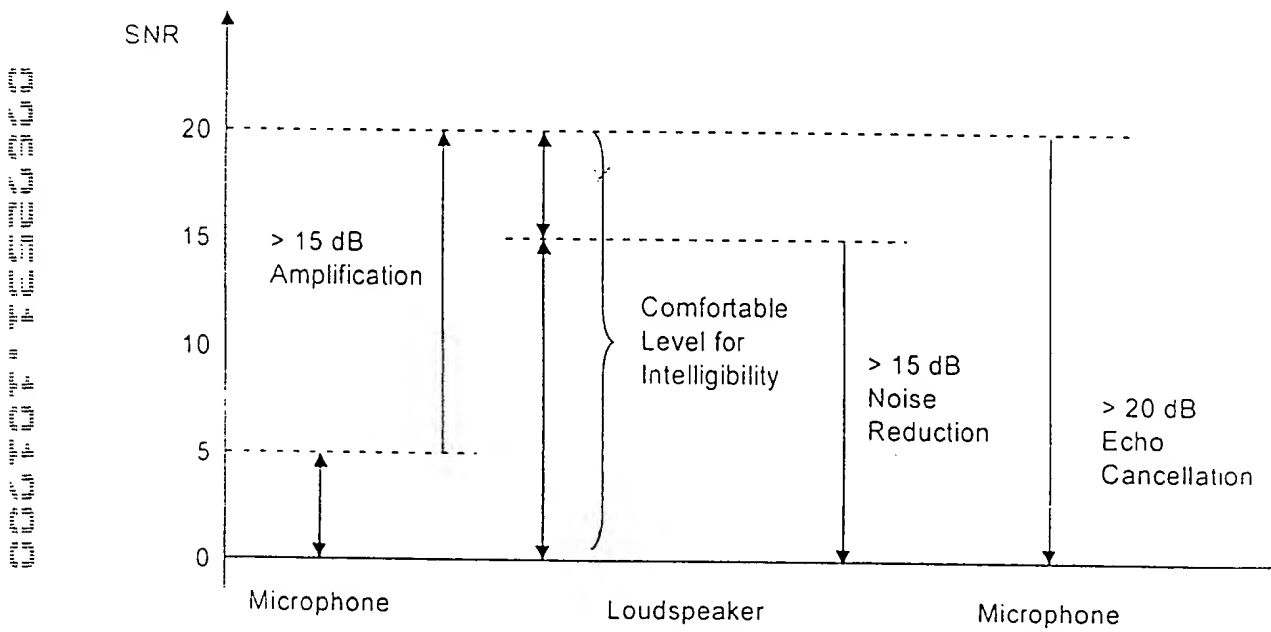


Fig. 4

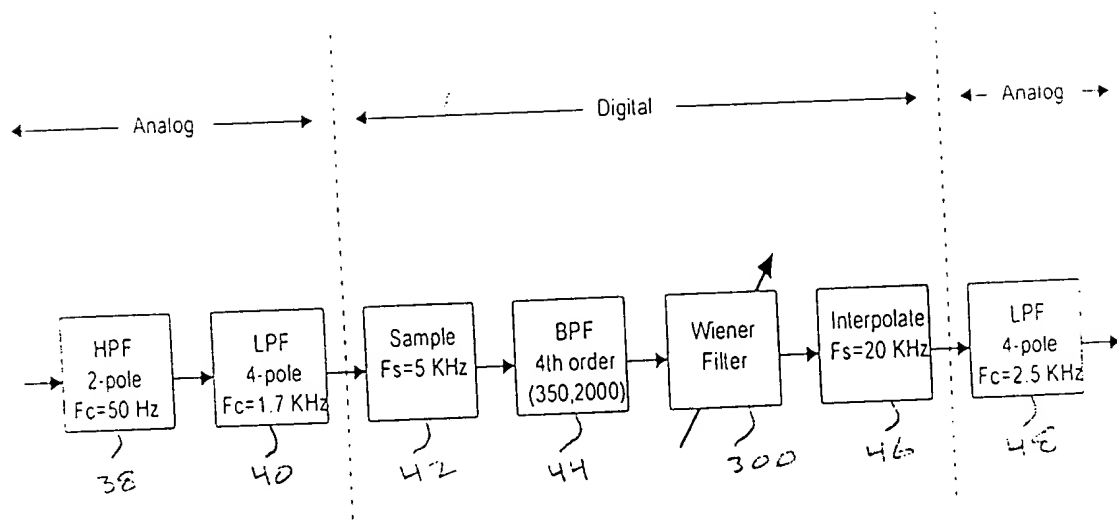


Fig. 5

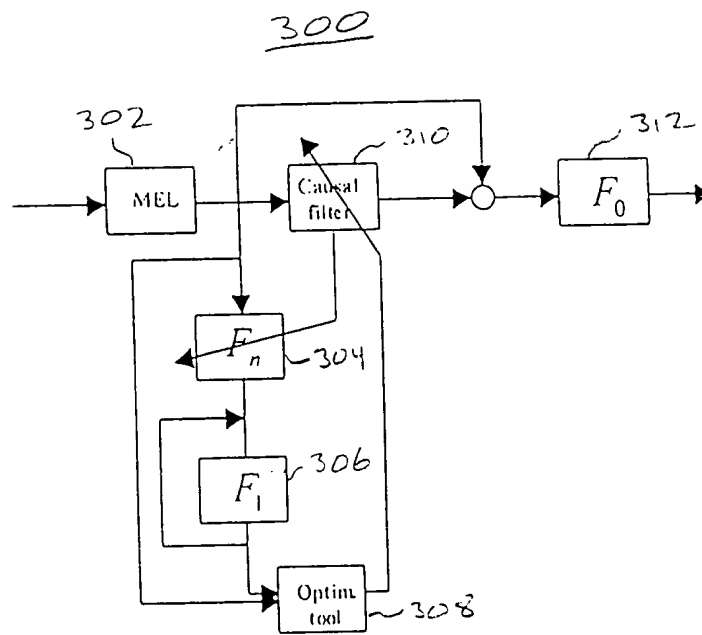


Fig. 6

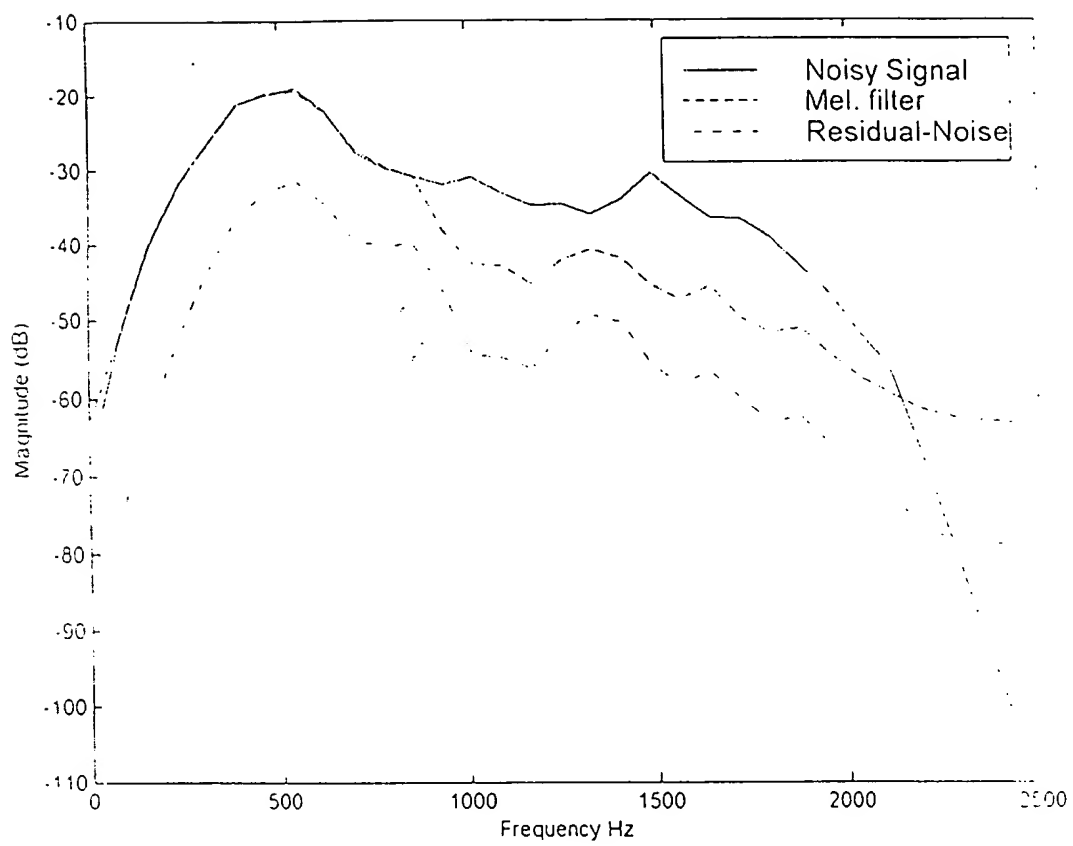


Fig. 7

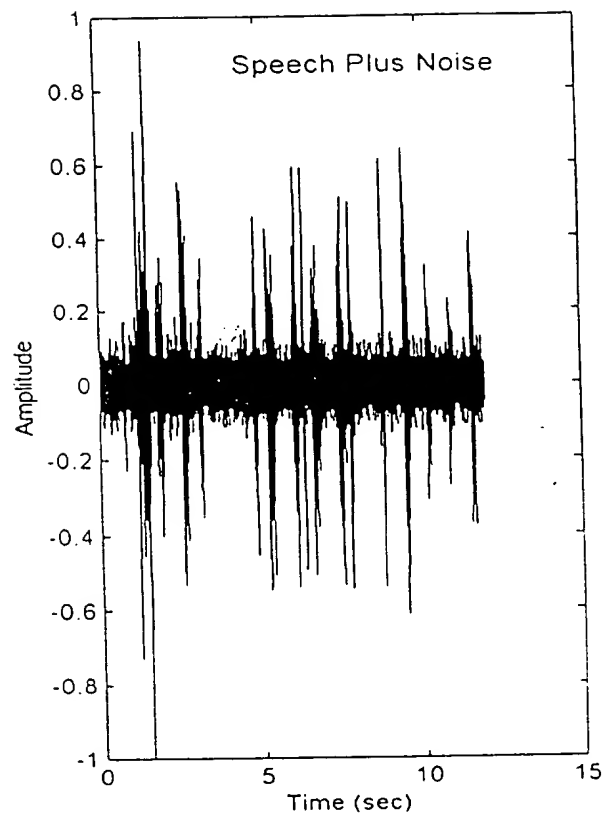


Fig. 8





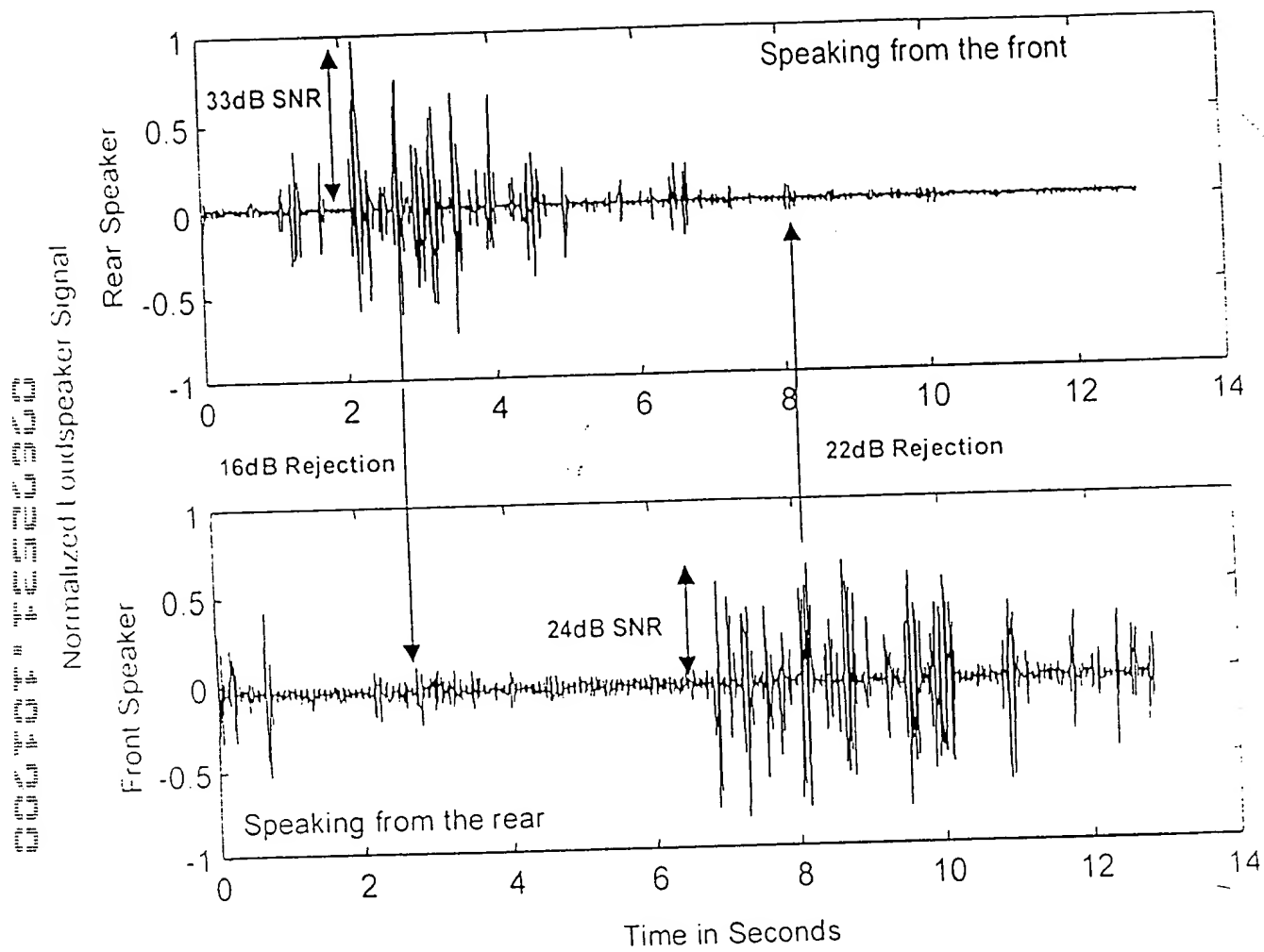


Fig. 10

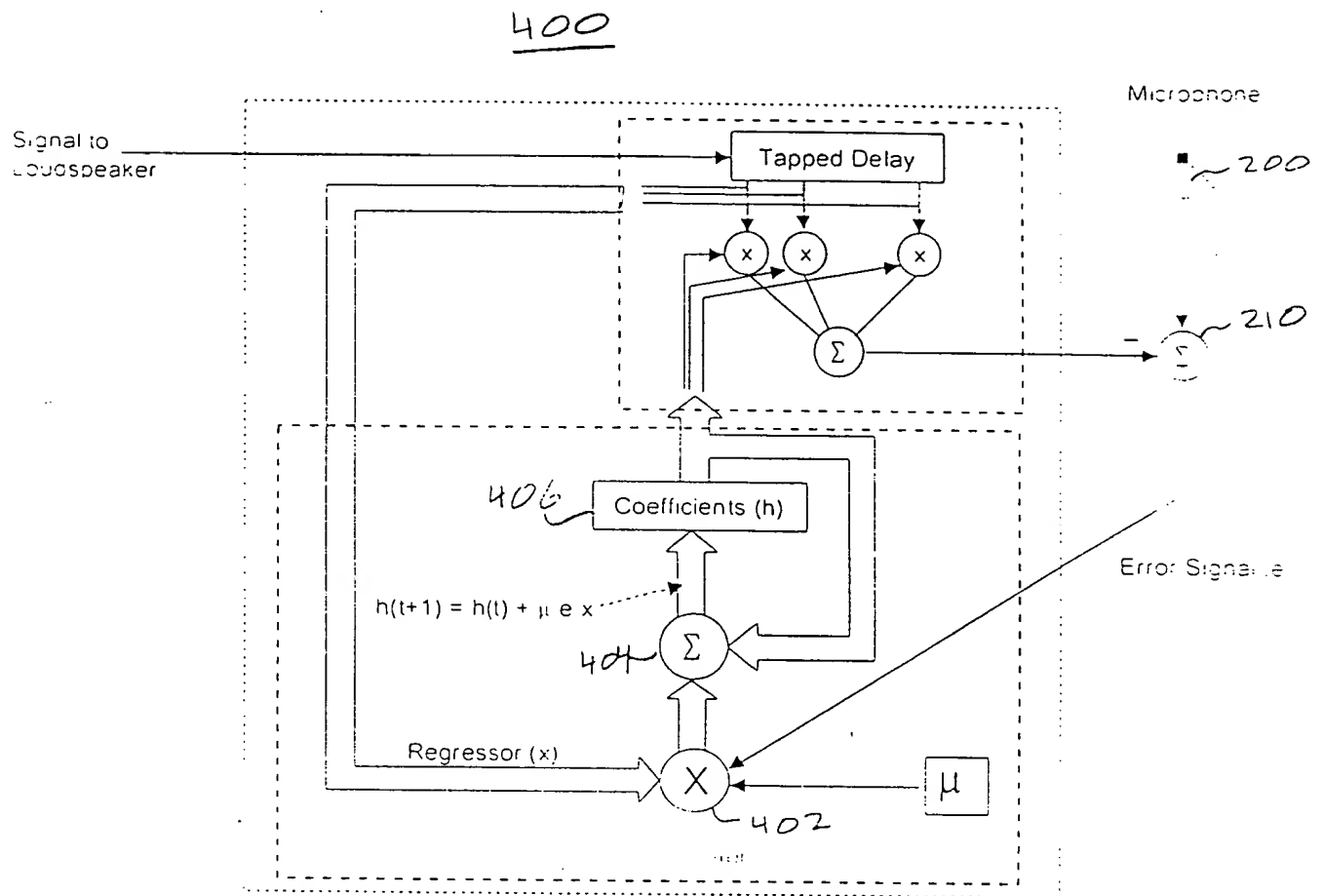


Fig. 11

500

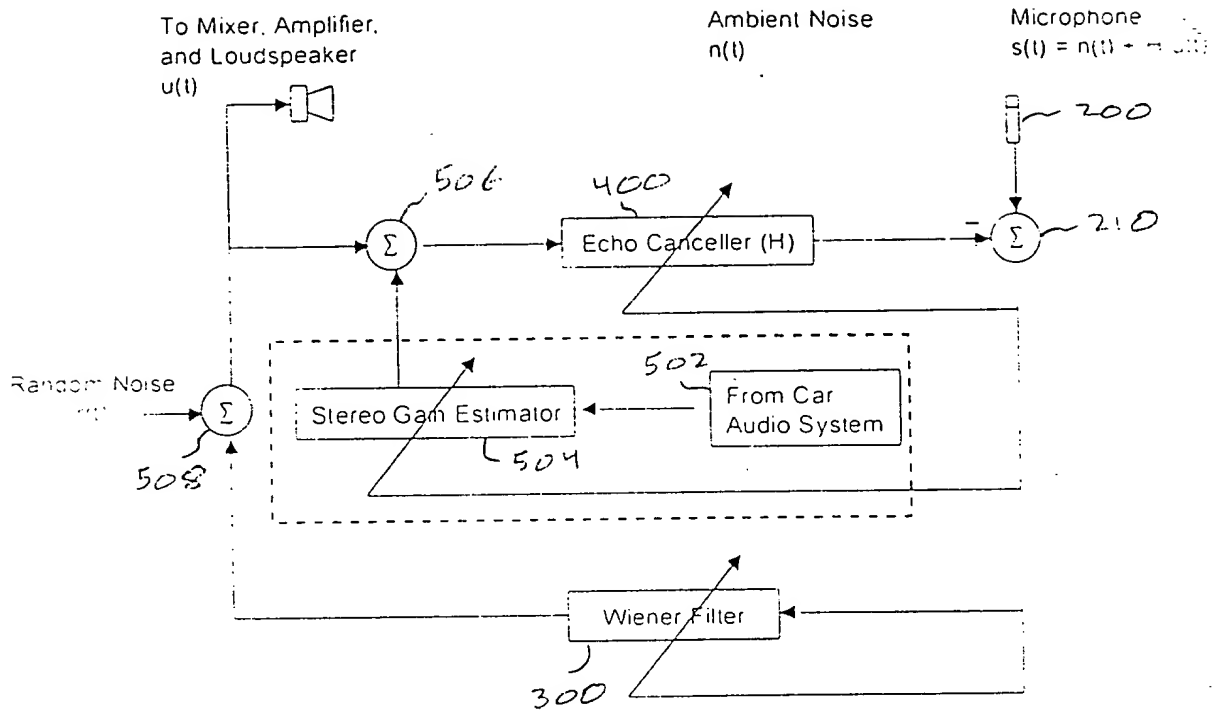


Fig. 12

```

m=20;delays=30;sig=.00;n=170;
y=filter(h,1,r)+sig*n;
htp1=ht(1:delays+m);
pn=eye(m);
L=length(ht);
ind=delays+m:m:n;
lind=length(ind);
kg=zeros(m,(lind-1)*m+1);

for j=1:lind
ind0(1:m,j)=[(j-1)*m+1:j*m]+delays;
end
htemp=ht(ind0);

for k=200:10000
ind1=k-ind0;
[htemp(:,1),k0,pn,an]=rls1(pn,y(k-1),r(ind1(:,1)),htemp(:,1),1);

for l=(lind-1)*m:-1:1
kg(:,l+1)=kg(:,l);
end

kg(:,1)=k0;

for j=2:lind
htemp(:,j)=htemp(:,j)+kg(:,(j-1)*m+1)*(an-htemp(:,j)'*r(ind1(:,j)));
end

```

Fig. 13

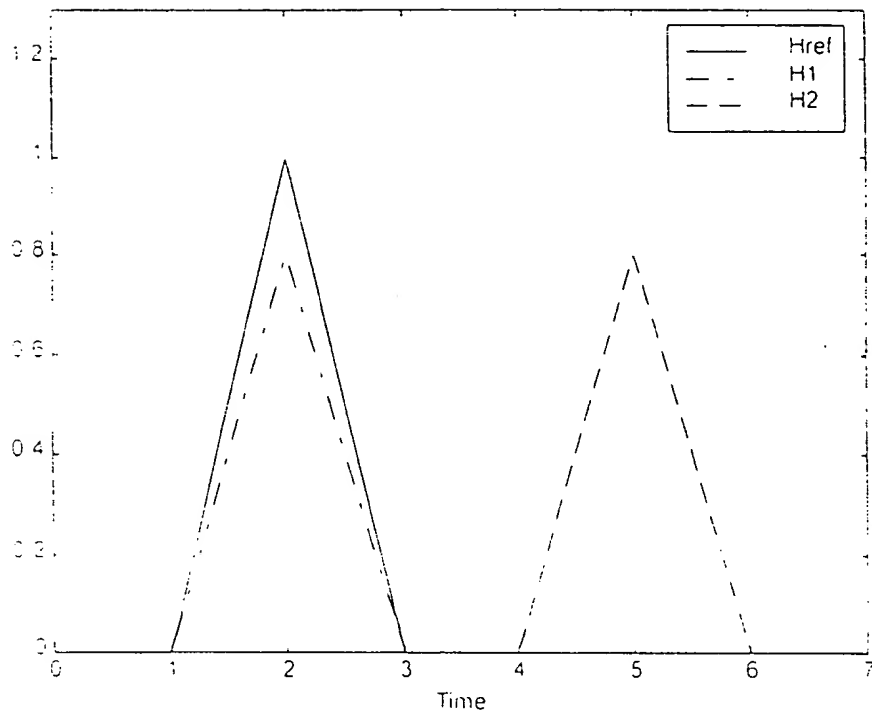


Fig. 14

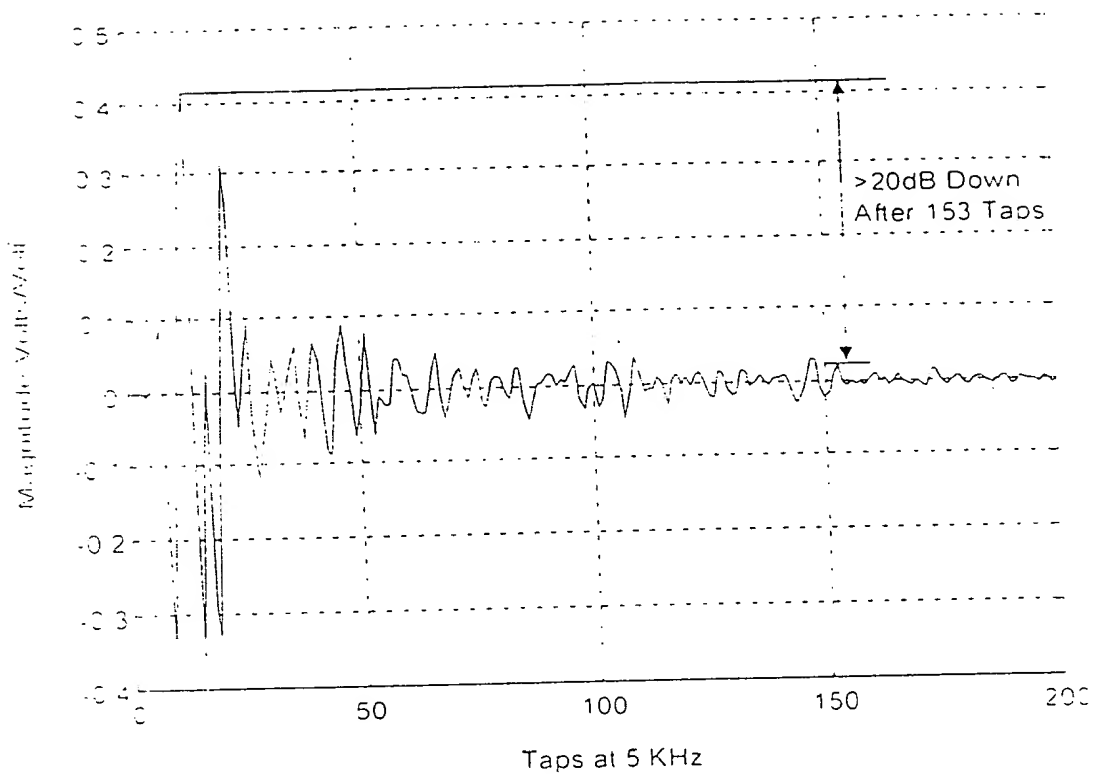


Fig. 15

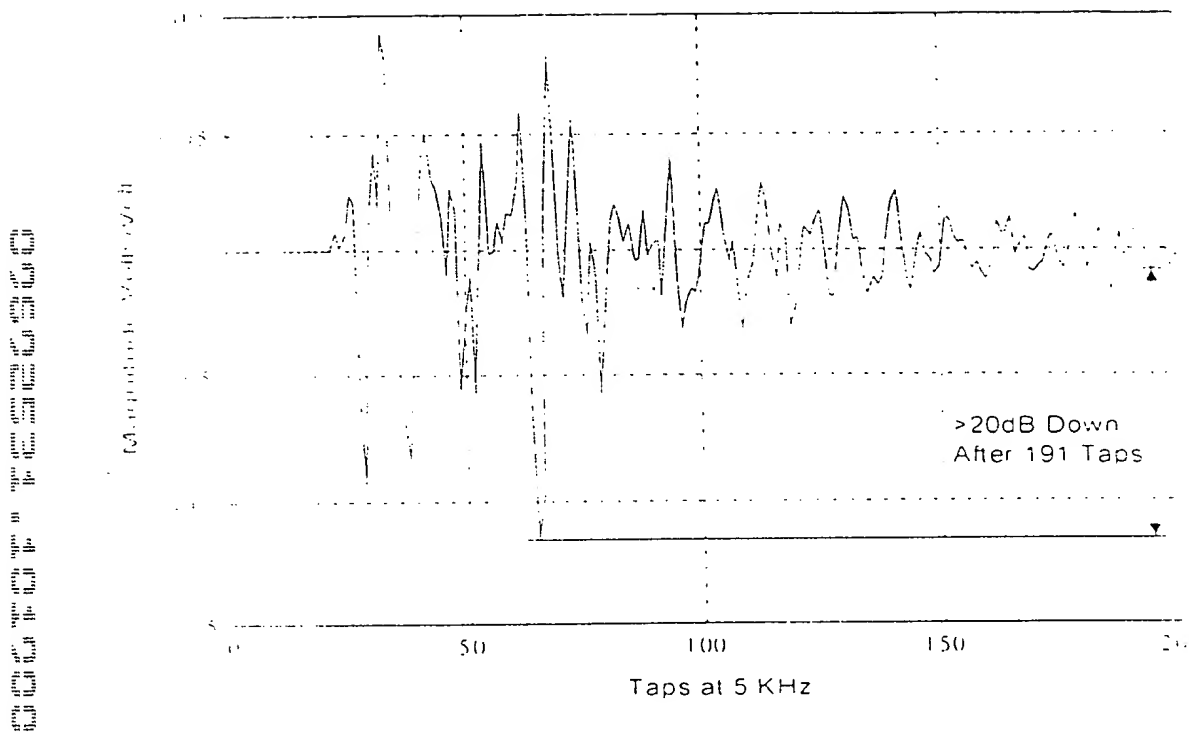


Fig. 16



600

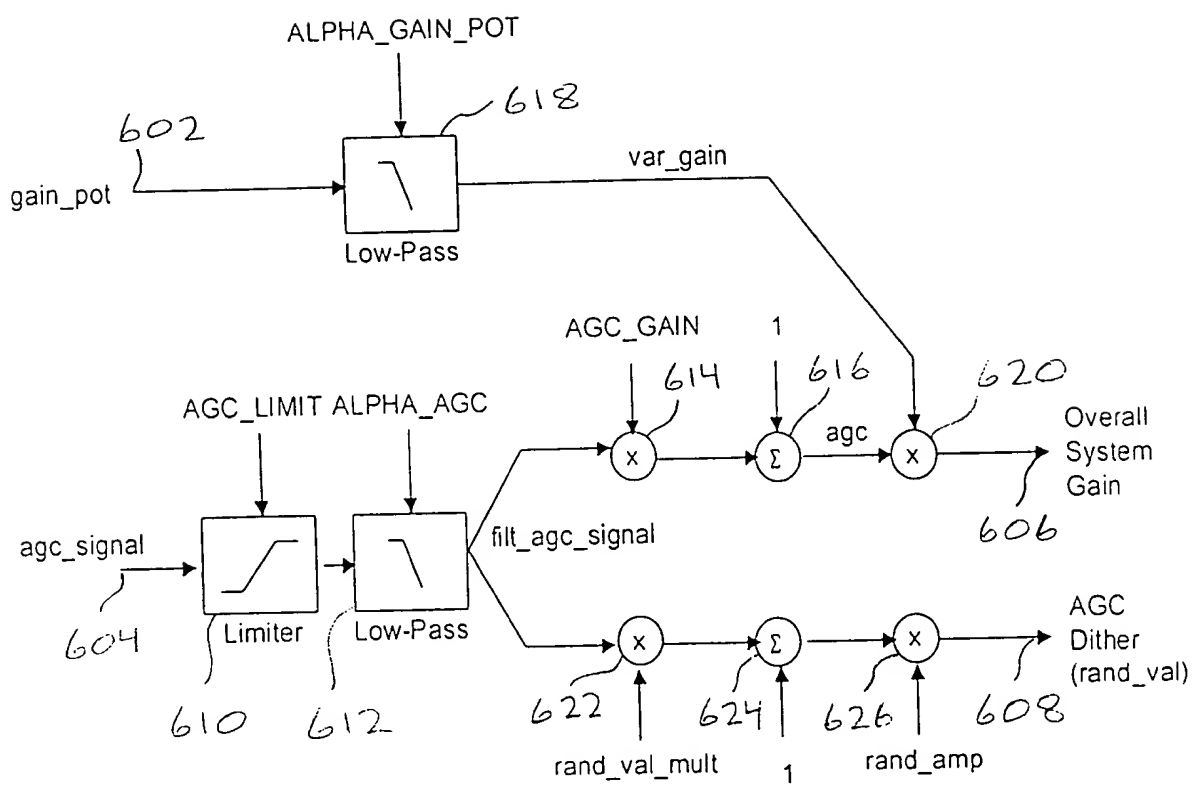


Fig. 17

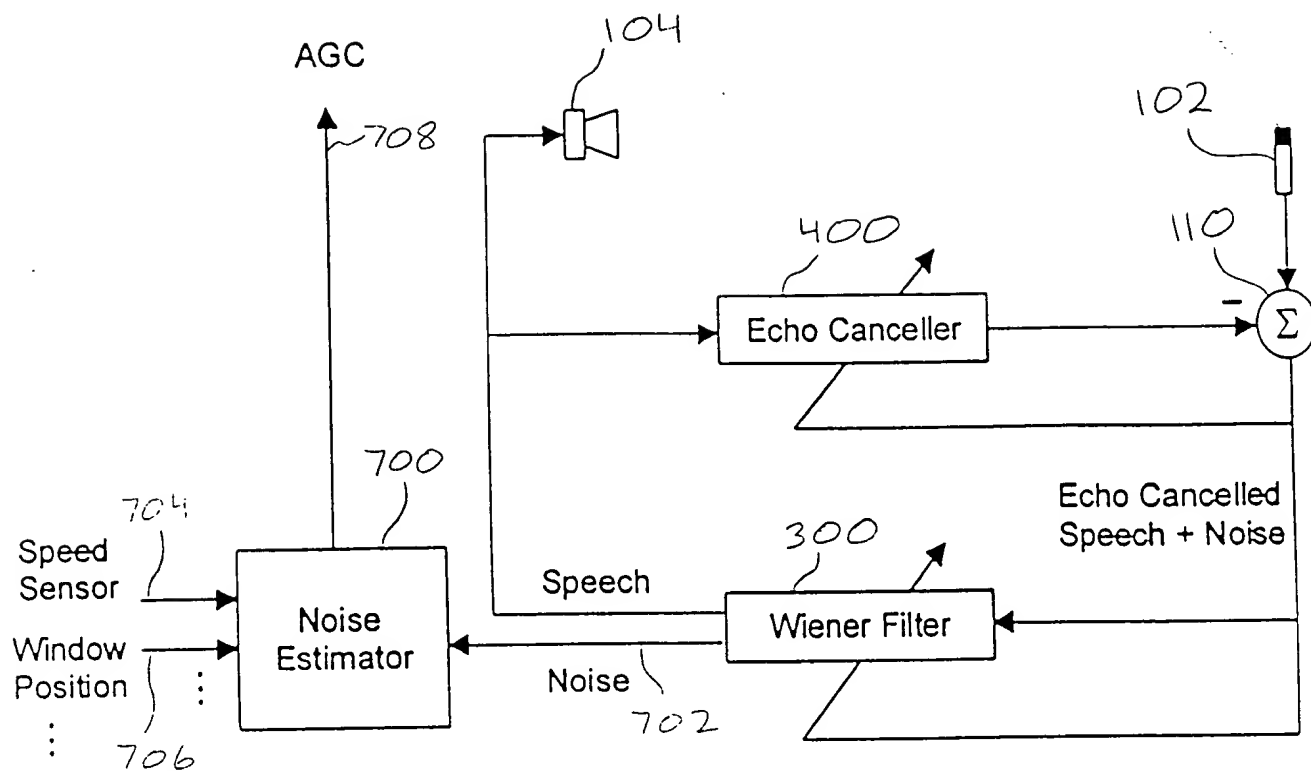


Fig. 18

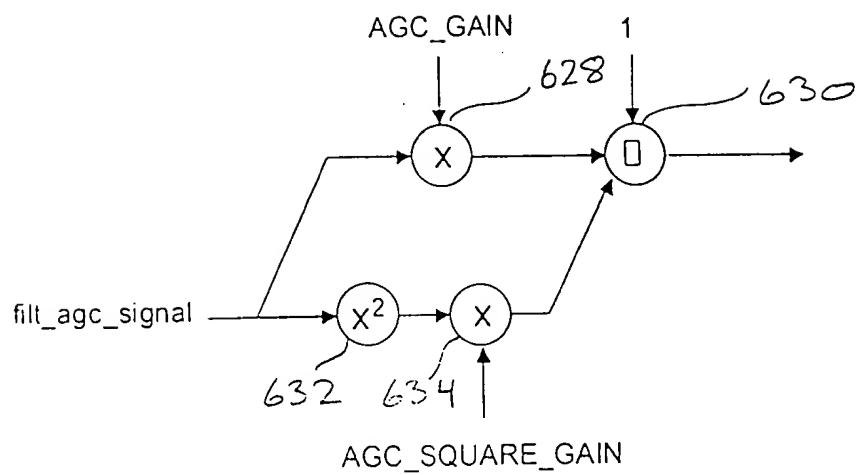


Fig. 19

Cabin  
Noise  
Estimate  
From Known  
Factors

Individual  
Microphone  
Noise  
Estimates  
from  
Wiener SEF

Individual  
Microphone  
Average  
Level  
Compensation

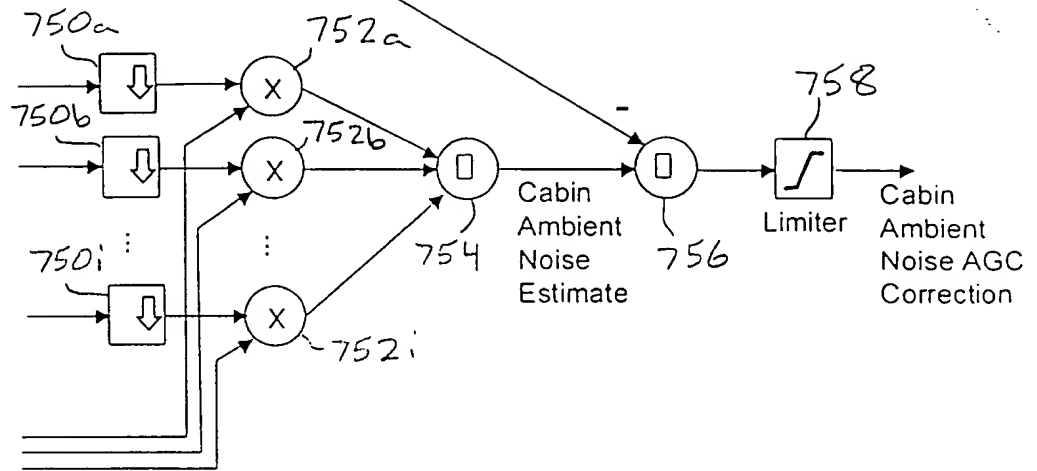


Fig. 20

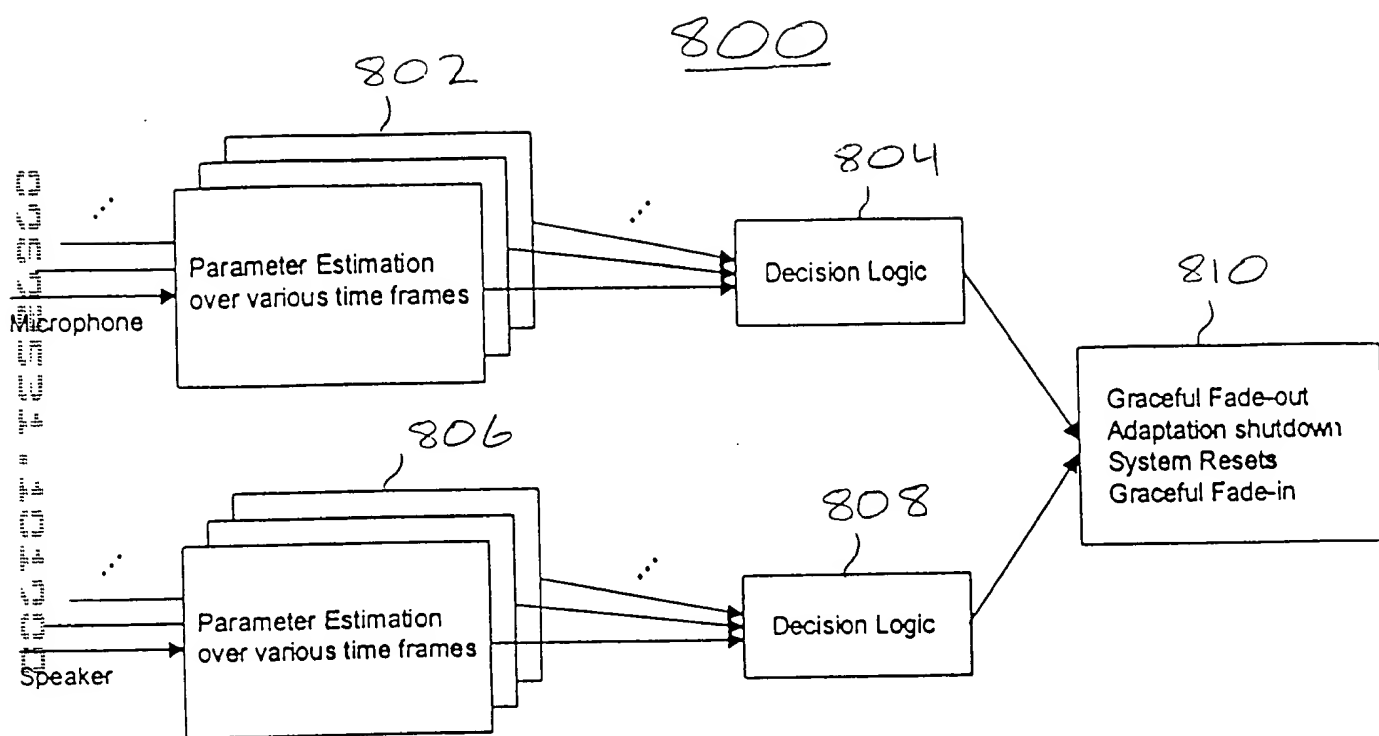


Fig. 21

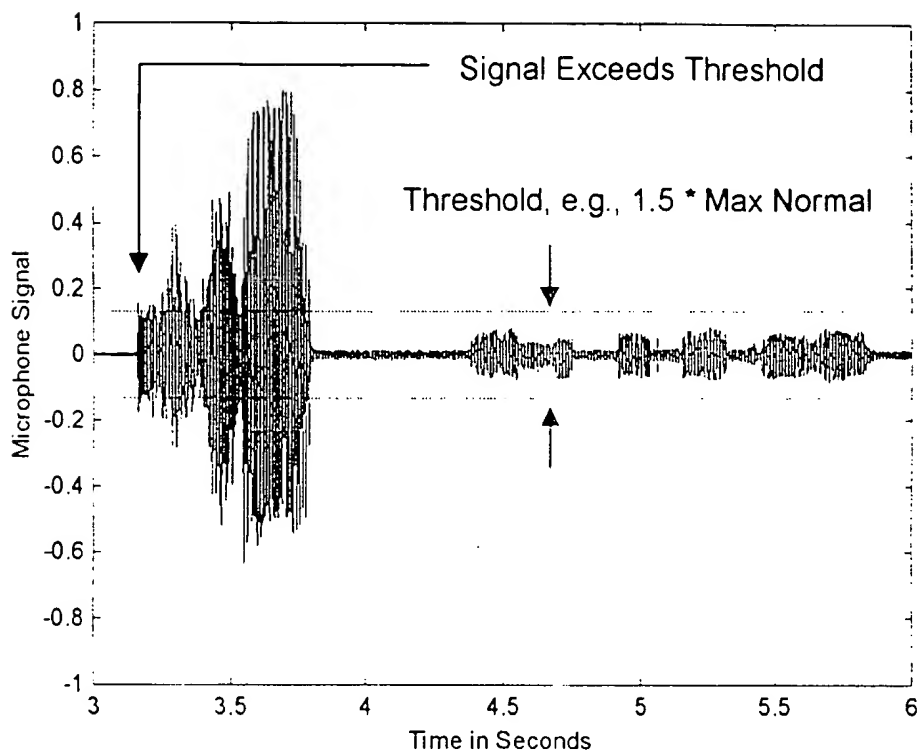


Fig. 22

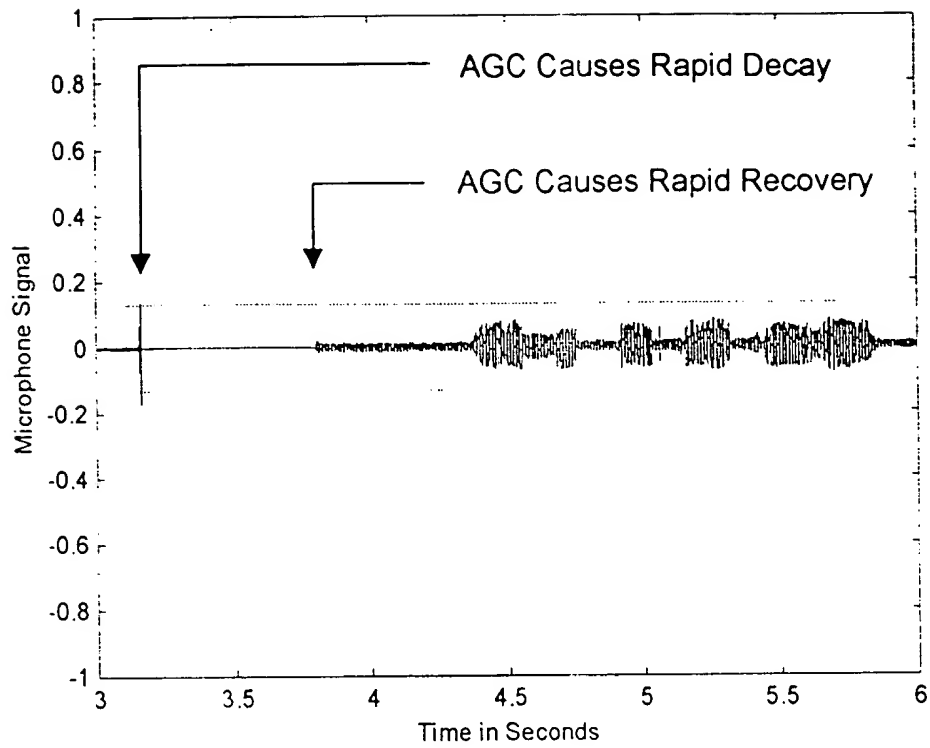


Fig. 23

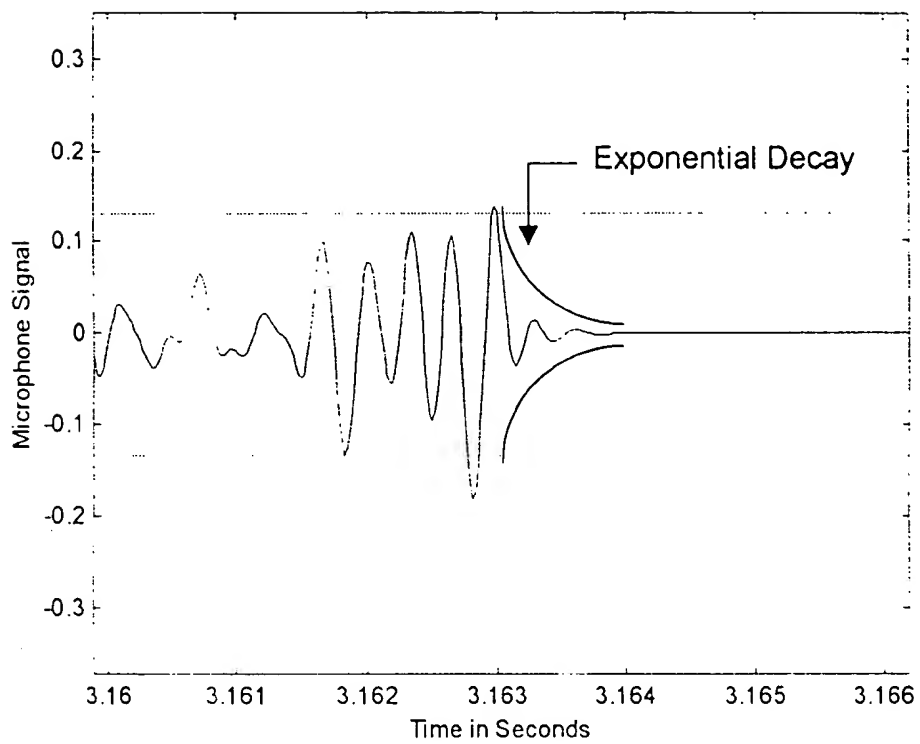


Fig. 24



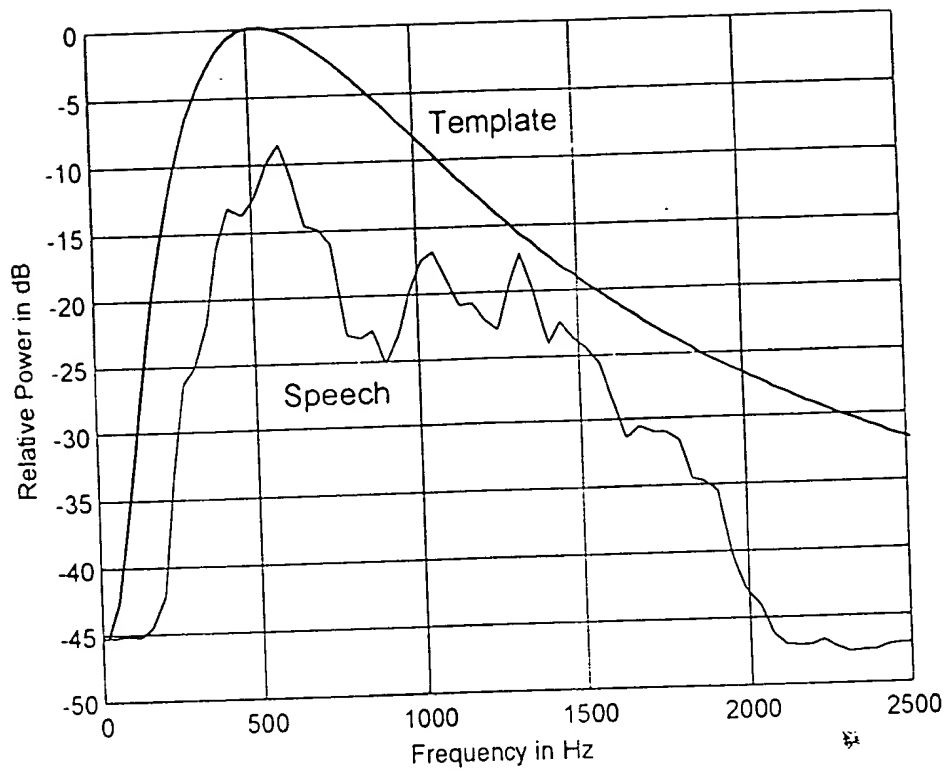


Fig. 25

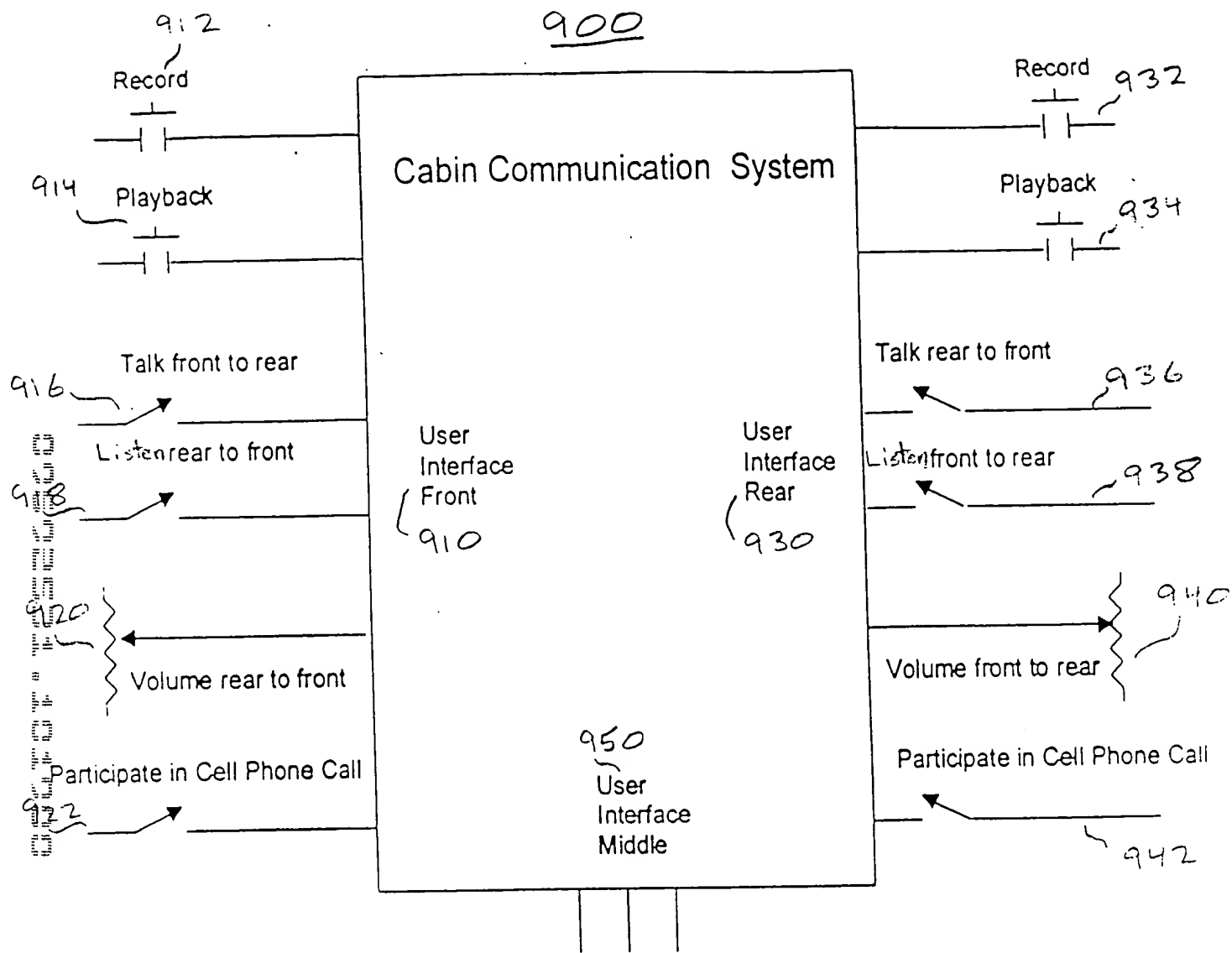


Fig. 26

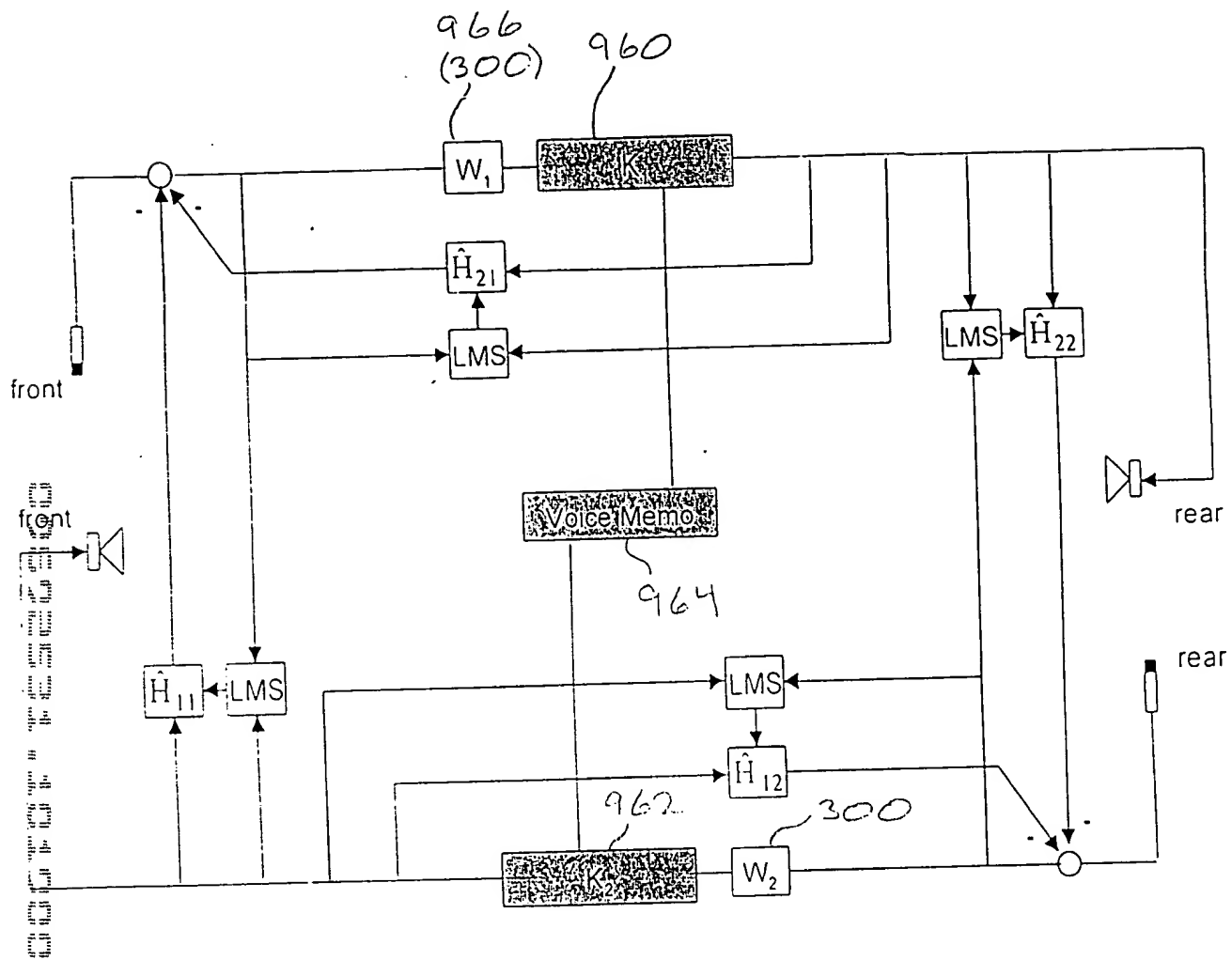


Fig. 27

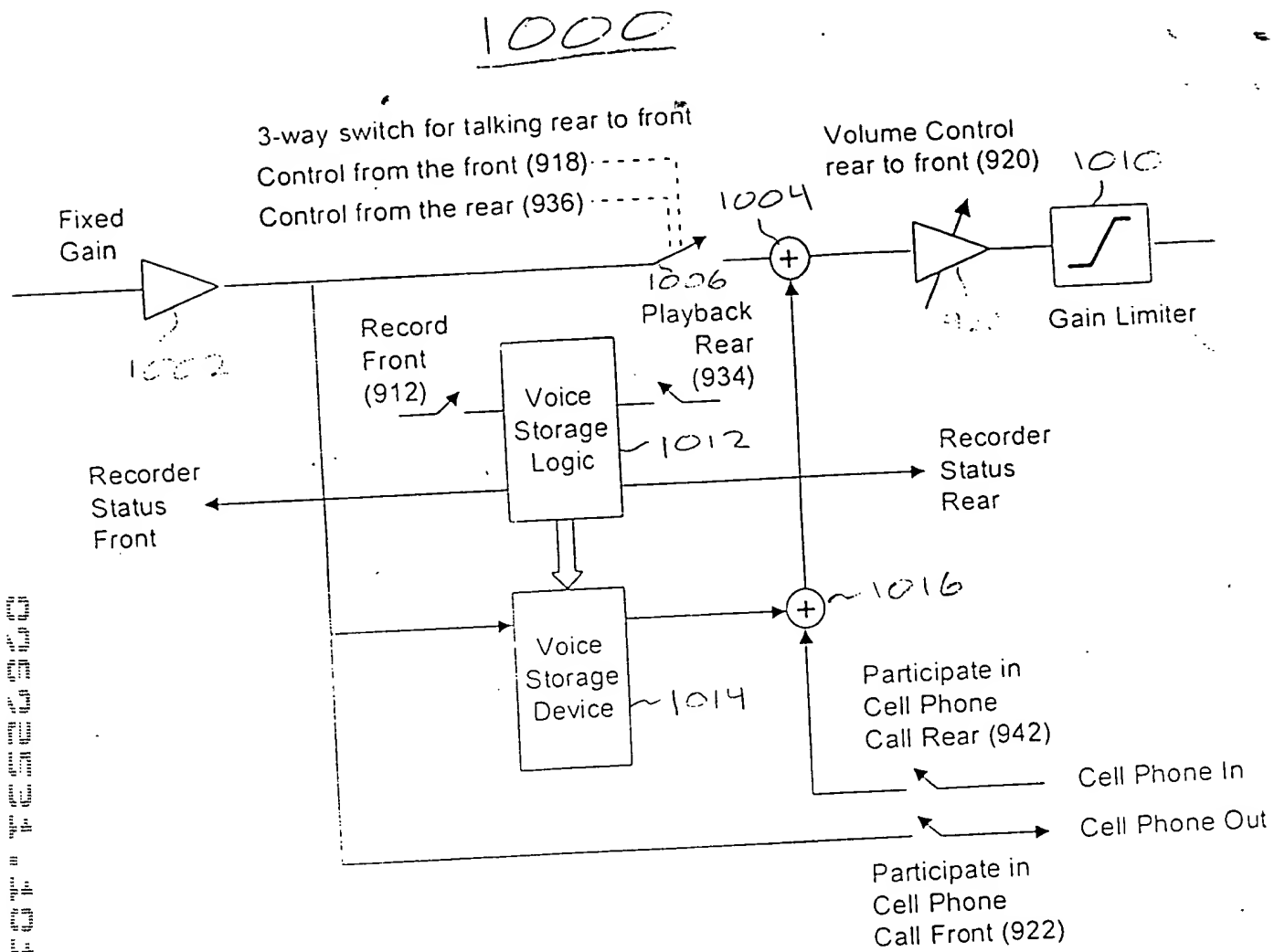


Fig. 28